

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A device for controlling firing circuits for restraining devices in a motor vehicle, comprising:
 - at least one igniter;
 - output stages;
 - a firing circuit control for connection to the at least one igniter and the output stages;
 - a processor connected to the firing circuit control for controlling the restraining devices, the processor releasing the output stages in response to a crash of the motor vehicle; and
 - a safety IC connected to the firing circuit control for releasing the at least one igniter in response to a crash, the safety IC recognizing a crash;
 - wherein the firing circuit control has blocking inputs and blocking registers for blocking groups of connectable firing circuits which have the output stages and the at least one igniter;
 - wherein, subsequent to the device being switched on, the processor sets the blocking registers and the safety IC ~~connecting~~ connects the blocking inputs as a function of an occupancy of seats of the motor vehicle; and
 - wherein the firing circuit control logically links data of the blocking inputs and of the blocking registers to one another, in order to block individual groups of firing circuits.
2. (Original) The device according to claim 1, wherein the processor is adapted to read the blocking inputs and the blocking registers.
3. (Original) The device according to claim 1, wherein the processor blocks the blocking registers after they have been set.

Appl. No. 09/990,232

Reply to Office Action of December 10, 2003

4. (Original) The device according to claim 1, further comprising means for checking the blocking registers, the blocking inputs and a logical linking by the processor after the device is switched on.

5. (Original) The device according to claim 1, wherein the output stages include plus and minus output stages, and wherein the firing circuit control has a blocking input for each of the plus and minus output stages.

6. (New) The device according to claim 1, wherein at least one of the safety IC and the processor performs a plausibility check on the sensor data.

7. (New) The device according to claim 1, wherein the safety IC analyzes the sensor data using a threshold value comparison.

8. (New) The device according to claim 1, wherein the processor analyzes the sensor data using a firing algorithm.

Appl. No. 09/990,232

Reply to Office Action of December 10, 2003

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figure 1. This sheet, which includes Figures 1-2, replaces the original sheet including Figures 1-2. In Figure 1, the elements have been labeled.

Attachment: Replacement Sheet